

## Patent claims

1                   1.     A slide channel (1) for a slide member (2) of  
2     a door closer

3                   - with a housing (3), which has a support wall (4),  
4     an end wall (5) located opposite the support wall (4), a top  
5     wall (6) connecting the support wall (4) and the end wall (5),  
6     an inner chamber (7) delimited by the walls (4, 5, 6) for  
7     accommodating the slide member (2), and a longitudinal slot  
8     (8) located opposite the top wall (6) and extending over the  
9     entire housing length,

10                  characterized in that

11                  - a height (H1) of the support wall (4) is greater  
12     than a height (H2) of the end wall (5).

1                   2.     A slide channel (1) for a slide member (2) of  
2     a door closer according to claim 1, characterized in that the  
3     top wall (6) is formed to be downwardly curved from the  
4     support wall (4) towards the end wall (5).

1                   3.     A slide channel (1) for a slide member (2) of  
2     a door closer according to claim 1, characterized in that the  
3     top wall (6) is formed to be downwardly flat from the support  
4     wall (4) towards the end wall (5).

1                   4.     A slide channel (1) for a slide member (2) of  
2     a door closer according to one of the claims 1 to 3,  
3     characterized in that the inner chamber (7) has guiding  
4     surfaces (9 to 14) extending over the entire housing length for  
5     supporting surfaces (15 to 20) of the slide member (2).

1                   5.     A slide channel (1) for a slide member (2) of  
2     a door closer according to one of the claims 1 to 4,  
3     characterized in that the support wall (4) has at least one  
4     opening (21).

1                   6.     A slide channel (1) for a slide member (2) of  
2     a door closer according to one of the claims 1 to 4,  
3     characterized in that the top wall (6) has at least one opening  
4     (22).

1                   7.     A slide channel (1) for a slide member (2) of  
2     a door closer according to one of the claims 1 to 6,  
3     characterized in that the support wall (4) has a rib (23)  
4     extending over the entire housing length, at which rib a  
5     surface (11) of the first group (9 to 11) of guiding surfaces (9  
6     to 14) is disposed.

1                   8.     A slide channel (1) for a slide member (2) of  
2     a door closer according to one of the claims 1 to 7,  
3     characterized in that the support wall (4) has a projection (24)  
4     extending over the entire housing length and projecting into  
5     the inner chamber (7), at which projection a surface (9) of the  
6     guiding surfaces (9 to 14) is located, which is located opposite  
7     the guiding surface (11) disposed at the rib (23) and extends  
8     parallel thereto.

1                   9.     A slide channel (1) for a slide member (2) of  
2     a door closer according to one of the claims 7 to 8,  
3     characterized in that the third surface (10) of the guiding

4 surfaces (9 to 11) is disposed at a right angle in relation to the  
5 first and second guiding surface (9, respectively 11).

1                   10. A slide channel (1) for a slide member (2) of  
2 a door closer according to one of the claims 1 to 9,  
3 characterized in that the second group (12 to 14) of guiding  
4 surfaces (9 to 14) has three guiding surfaces (12 to 14), which  
5 are disposed at a right angle in relation to each other, the first  
6 surface (14) of the guiding surfaces (12 to 14) being disposed  
7 at the top wall (6), the second surface (13) of the guiding  
8 surfaces (12 to 14) at the end wall (5) and the third surface  
9 (12) of the guiding surfaces (12 to 14) at a projection (25),  
10 extending over the entire housing length and protruding from  
11 the end wall (5) into the inner chamber (7).

1                   11. A slide member (2) for a slide channel (1)  
2 according to one of the claims 1 to 10 having a slide channel  
3 contour (26) at which supporting surfaces (15 to 20) are  
4 disposed, characterized by a base wall (27) matching the  
5 contour of the housing (3) of the slide channel (1).

1                    12. A slide member (2) for a slide channel (1)  
2    according to claim 11, characterized in that the base wall (27)  
3    has two partial walls (28, 29) being disposed at an angle in  
4    relation to each other.

1                    13. A slide member (2) for a slide channel (1)  
2    according to claim 11, characterized in that the base wall (27)  
3    has a curved shape.